

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of

**Shahram MIHAN et al.**

Serial No. **10/572,816**

Filed **March 22, 2006**

For **LOOP REACTOR WITH VARYING  
DIAMETER FOR OLEFIN POLYMERI-  
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) **Art Unit 1796**  
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) **Examiner Fred Teskin**  
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Mail Stop AF  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**TRANSMITTAL LETTER**

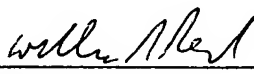
Submitted herewith for filing in the U.S. Patent and Trademark Office are the following:

- ☒ Postcard
- ☒ Transmittal Letter
- ☒ Amendment (5 pages)

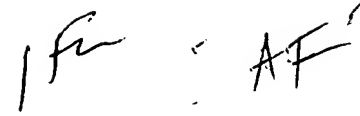
The Commissioner for Patents is hereby authorized to charge the required fees, any deficiency, or credit any overpayment, to Deposit Account Number 08-2336, in relation to the above-identified application.

Respectfully submitted,

**SHAHRAM MIHAN ET AL.**

By   
**William R. Reid**  
Registration No. **47,894**  
**Attorney for Applicant**

Basell USA Inc.  
Delaware Corporate Center II  
2 Righter Parkway, Suite 300  
Wilmington, DE 19803  
Date: **February 9, 2009**

**LU 6132(US)**

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**Serial No.: 10/572,816**

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For: **LOOP REACTOR WITH VARYING  
DIAMETER FOR OLEFIN  
POLYMERIZATION**

Group Art Unit: 1796

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February 9, 2009

**AMENDMENT UNDER 37 CFR 1.116**

This is in response to the Final Office Action dated November 14, 2008 in the above-identified application. This response is being timely filed on February 9, 2009.

Please amend the above-identified U.S. Patent Application, as follows: